

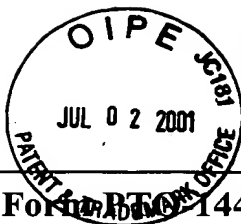


<b>Form PTO-1449 Modified</b>		Docket No. <b>UPN-3827</b>	Serial No. <b>09/730,929</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Amos B. Smith III et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>December 6, 2000</b>	Group <b>1626</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
CA	AA	Clark, D.L. et al., "Studies on the Alkylation of Chiral Enolates: Application toward the Total Synthesis of Discodermolide", <i>J. Org. Chem.</i> , <b>1993</b> , 58, 5878-5879	
CA	AB	Evans, P.L. et al., "The Synthesis of a C <sub>9</sub> -C <sub>17</sub> Lactone Fragment of Discodermolide", <i>Tetra. Lett.</i> , <b>1993</b> , 34(50), 8163-8166	
CA	AC	Golec, J.M.C. et al., "The Synthesis of a C <sub>1</sub> -C <sub>8</sub> Lactone Fragment of Discodermolide", <i>Tetra. Lett.</i> , <b>1993</b> , 34(50), 8159-8162	
CA	AD	Golec, J.M.C. et al., "An Approach to the Synthesis of a C <sub>9</sub> -C <sub>15</sub> Fragment of Discodermolide", <i>Tetra. Lett.</i> , <b>1993</b> , 34(50), 8167-8168	
CA	AE	Golec, J.M.C. et al., "Total synthesis of discodermolide", <i>Chemical Abstracts</i> , <b>1995</b> , 123, 831, Abstract No. 32864j	
* CA	AF	Greene and Wuts, <i>Protective Groups in Organic Synthesis</i> , 2d Edition, John Wiley & Sons, New York, <b>1991</b>	
CA	AG	Gunasekera et al., "Discodermolide: A New Bioactive Polyhydroxylated Lactone from the Marine Sponge <i>Discodermia dissoluta</i> ", <i>J. Org. Chem.</i> , <b>1990</b> , 55, 4912-4915	
CA	AH	Gunasekera et al., "Discodermolide: A New Bioactive Polyhydroxylated Lactone from the Marine Sponge <i>Discodermia dissoluta</i> : Additions and Corrections", <i>J. Org. Chem.</i> , <b>1991</b> , 56(3), 1346	
CA	AI	Hodges et al., "Reactions to Lithiooxazole", <i>J. Org. Chem.</i> , <b>1991</b> , 56, 449-452	
CA	AJ	Hung et al., "Distinct binding and cellular properties of synthetic (+)- and (-)-discodermolides", <i>Chem. &amp; Biol.</i> , <b>1994</b> , 1(1), 67-71	
CA	AK	Hung et al., "(+)-Discodermolide binds to microtubules in stoichiometric ratio to tubulin dimers, blocks taxol binding and results in mitotic arrest", <i>Chem. &amp; Biol.</i> , <b>1996</b> , 3(4), 287-293	
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\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous to send and easily obtainable by the Examiner.



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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
CA	BP	Miyazawa, M. et al., "Synthesis of the C <sub>8</sub> -C <sub>15</sub> Segment of (+)-Discodermolide", <i>Chem. Letts.</i> , <b>1997</b> , 1193-1194	
CA	BQ	Smith, III et al., "Synthesis and in Vitro Cancer Cell Growth Inhibitory Activity of Monocyclic Model Compounds Containing Spongistatin Triene Side-Chains", <i>Bioorg. Med. Chem. Letts.</i> , <b>1998</b> , 8, 567-568	
CA	BR	Walkup, R.D. et al., "Expeditious Synthesis of a Key C <sub>9</sub> -C <sub>21</sub> Subunit of the Aplysiatoxins and Oscillatoxins", <i>Tetra. Lett.</i> , <b>1990</b> , 31(52), 7587-7590	
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CA	AL	Hung, D.T. et al., "Syntheses of Discodermolides Useful for Investigating Microtubule Binding and Stabilization", <i>J. Am. Chem. Soc.</i> , <b>1996</b> , <i>118</i> , 11054-11080	
CA	AM	Jacquesy et al., "Metabromation Du Dimethyl-2,6 Phenol Et De Son Ether Methylique En Milieu Superacide", <i>Tetrahedron</i> , <b>1981</b> , <i>37</i> , 747-751	
CA	AN	Kim et al., "Conversion of Acetals into Monothioacetals, $\alpha$ -Alkoxyazides and $\alpha$ -Alkoxyalkyl Thioacetates with Magnesium Bromide", <i>Tetra. lett.</i> , <b>1989</b> , <i>30(48)</i> , 6697-6700	
CA	AO	Longley et al., "Discodermolide - A New, Marine-Derived Immunosuppressive Compound", <i>Transplantation</i> , <b>1991</b> , <i>52(4)</i> , 650-656	
CA	AP	Longley et al., "Discodermolide - A New, Marine-Derived Immunosuppressive Compound", <i>Transplantation</i> , <b>1991</b> , <i>52(4)</i> , 657-661	
CA	AQ	Longley et al., "Immunosuppression by Discodermolide", <i>Ann. N.Y. Acad. Sci.</i> , <b>1993</b> , <i>696</i> , 94-107	
CA	AR	Nerenberg et al., "Total Synthesis of the Immunosuppressive Agent (-)-Discodermolide", <i>J. Am. Chem. Soc.</i> , <b>1993</b> , <i>115</i> , 12621-12622	
CA	AS	Paterson, I. et al., "Studies Towards the Total Synthesis of the Marine-derived Immunosuppressant Discodermolide; Asymmetric Synthesis of a C <sub>1</sub> -C <sub>8</sub> $\delta$ -lactone Subunit", <i>J. Chem. Soc. Chem. Commun.</i> , <b>1993</b> , 1790-1792	
CA	AT	Paterson, I. et al., "Studies Towards the Total Synthesis of the Marine-derived Immunosuppressant Discodermolide; Asymmetric Synthesis of a C <sub>9</sub> -C <sub>24</sub> Subunit", <i>Synlett</i> , <b>1995</b> , 498-500	
* CA	AU	Remington's Pharmaceutical Sciences, Mack Publishing Company, Easton, PA, <b>1980</b>	
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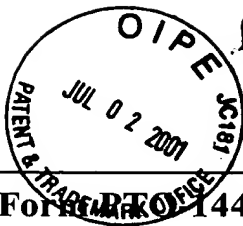
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CA	AW	Smith et al., "Total Synthesis of (-)-Discodermolide", <i>J. Am. Chem. Soc.</i> , <b>1995</b> , <i>117</i> , 12011-12012	
CA	AX	Smith, A. B. et al., "Total Synthesis of (-)-Discodermolide Exploiting a Common Precursor", <i>J. Am. Chem. Soc.</i> , (Submission Copy), 1-60	
CA	AY	Solladie et al., "Asymmetric Synthesis of Polyhydroxylated Natural Products II. The C-1/C-12 Unit of Amphotericin B", <i>Tetra. Lett.</i> , <b>1987</b> , <i>28</i> (7), 797-800	
CA	AZ	ter Haar et al., "Discodermolide, A Cytotoxic Marine Agent that Stabilizes Microtubules More Potently than Taxol", <i>Biochem.</i> , <b>1996</b> , <i>35</i> , 243-250	
CA	BA	Yang, G. et al., "The Synthesis of the C-9 to C-21 Sector of Discodermolide: An Efficient Route to the C13-14 Z-Trisubstituted Alkene", <i>Tetra. Lett.</i> , <b>1994</b> , <i>35</i> (16), 2503-2504	
CA	BB	Yang, G. et al., "An Alkylative Strategy to the C-13 to C-21 Sector of Discodermolide", <i>Tetra. Lett.</i> , <b>1994</b> , <i>35</i> (9), 1313-1316	
CA	BC	Evans, D.A. et al., "Enantioselective Synthesis of Altohrytin C (Spongistatin 2): Synthesis of the AB- and CD-Spiroketal Subunits", <i>Angew. Chem. Int. Ed. Engl.</i> , <b>1997</b> , <i>36</i> (24), 2738-2740	
CA	BD	Evans, D.A. et al., "Enantioselective Synthesis of Altohrytin C (Spongistatin 2): Synthesis of the EF-Bis(pyran) Subunit", <i>Angew. Chem. Int. Ed. Engl.</i> , <b>1997</b> , <i>36</i> (24), 2741-2743	
CA	BE	Evans, D.A. et al., "Enantioselective Synthesis of Altohrytin C (Spongistatin 2): Fragment Assembly and Revision of the Spongistatin 2 Stereochemical Assignment", <i>Angew. Chem. Int. Ed. Engl.</i> , <b>1997</b> , <i>36</i> (24), 2744-2747	
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CA	BG	Hayward, M.M. et al., "Total Synthesis of Althohyrtin A (Spongistatin 1): Part 2", <i>Angew. Chem. Int. Ed. Engl.</i> , <b>1998</b> , 37(1/2), 192-196	
CA	BH	Paterson, I. et al., "Studies in Marine Macrolide Synthesis: Synthesis of the C <sub>1</sub> -C <sub>15</sub> Subunit of Spongistatin 1 (Althohyrtin A) and 15,16-Anti Aldol Coupling Reactions", <i>Tetra. Lett.</i> , <b>1997</b> , 38(47), 8241-8244	
CA	BI	Paterson, I. et al., "Studies in Marine Macrolide Synthesis: Synthesis of a C <sub>16</sub> -C <sub>28</sub> Subunit of Spongistatin 1 (Althohyrtin A) Incorporating the CD-Spiroacetal Moiety", <i>Tetra. Lett.</i> , <b>1997</b> , 38(51), 8911-8914	
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CA	BK	Gunasekera et al., "Discodermolide: A New Bioactive Polyhydroxylated Lactone from the Marine Sponge <i>Discodermia dissoluta</i> ", <i>J. Org. Chem.</i> , <b>1991</b> , 56(3), 1346 (Additions and Corrections to page 4912 of article found in <i>J. Org. Chem.</i> , <b>1990</b> , 55, 4912-4915)	
CA	BL	Harried, S.S. et al., "Total Synthesis of ( - )-Discodermolide: An Application of a Chelation-COntrolled Alkylation Reaction", <i>J. Org. Chem.</i> , <b>1997</b> , 62, 6098-6099	
CA	BM	Kowalski, R.J. et al., "The Microtubule-Stabilizing Agent Discodermolide Competitively Inhibits the Binding of Paclitaxel (Taxol) to Tubulin Polymers, Enhances Tubulin Nucleation Reactions More Potently than Paclitaxel, and Inhibits the Growth of Paclitaxel-Resistant Cells", <i>Mol. Pharmacology</i> , <b>1997</b> , 52, 613-622	
CA	BN	Marshall, J.A. et al., "Synthesis of Discodermolide Subunits by S <sub>E</sub> 2' Addition of Nonracemic Allenylstannanes to Aldehydes", <i>J. Org. Chem.</i> , <b>1998</b> , 63, 817-823	
CA	BO	Miyazawa, M. et al., "Stereoselective Synthesis of the C <sub>1</sub> -C <sub>7</sub> Segment of (+)-Discodermolide", <i>Chem. Letts.</i> , <b>1997</b> , 1191-1192	
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
CA	BS	5,010,099	04/23/91	Gunasekera et al.	514	459	
CA	BT	5,789,605	8/4/98	Smith, III et al.	549	370	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation YES NO		
CA	BU	GB 2280677 A	02/08/95	UK	X		
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
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